

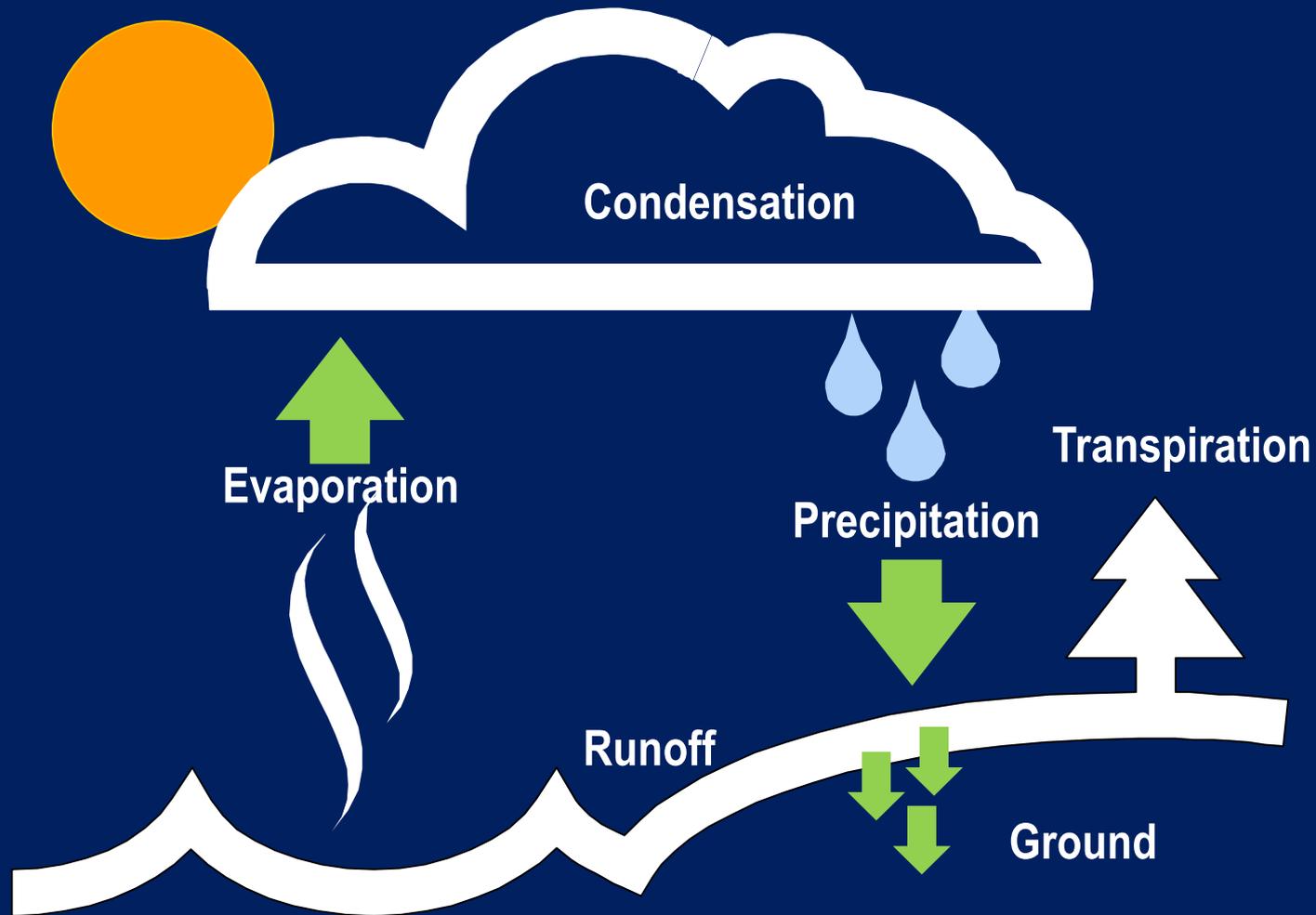
The Ways of Water



Purified Water for El Paso: A Sustainable Water Future



The Water Cycle Never Ends



The earth has always had the same amount of water.



WORKING TOGETHER = WATER FOREVER

Sustainable water is totally doable. Working together, we can balance these resources to make sure we have water for today and tomorrow.

The River

**Underground
Water**

Desalination

**Water
Reuse**

Conservation

**Future
Resources**



Colorado

Colorado

New Mexico

Texas

Rio Grande

Taos

Santa Fe

Albuquerque

New Mexico

Socorro

United States

Las Cruces

El Paso

Texas

Mexico

Helping the Water Cycle



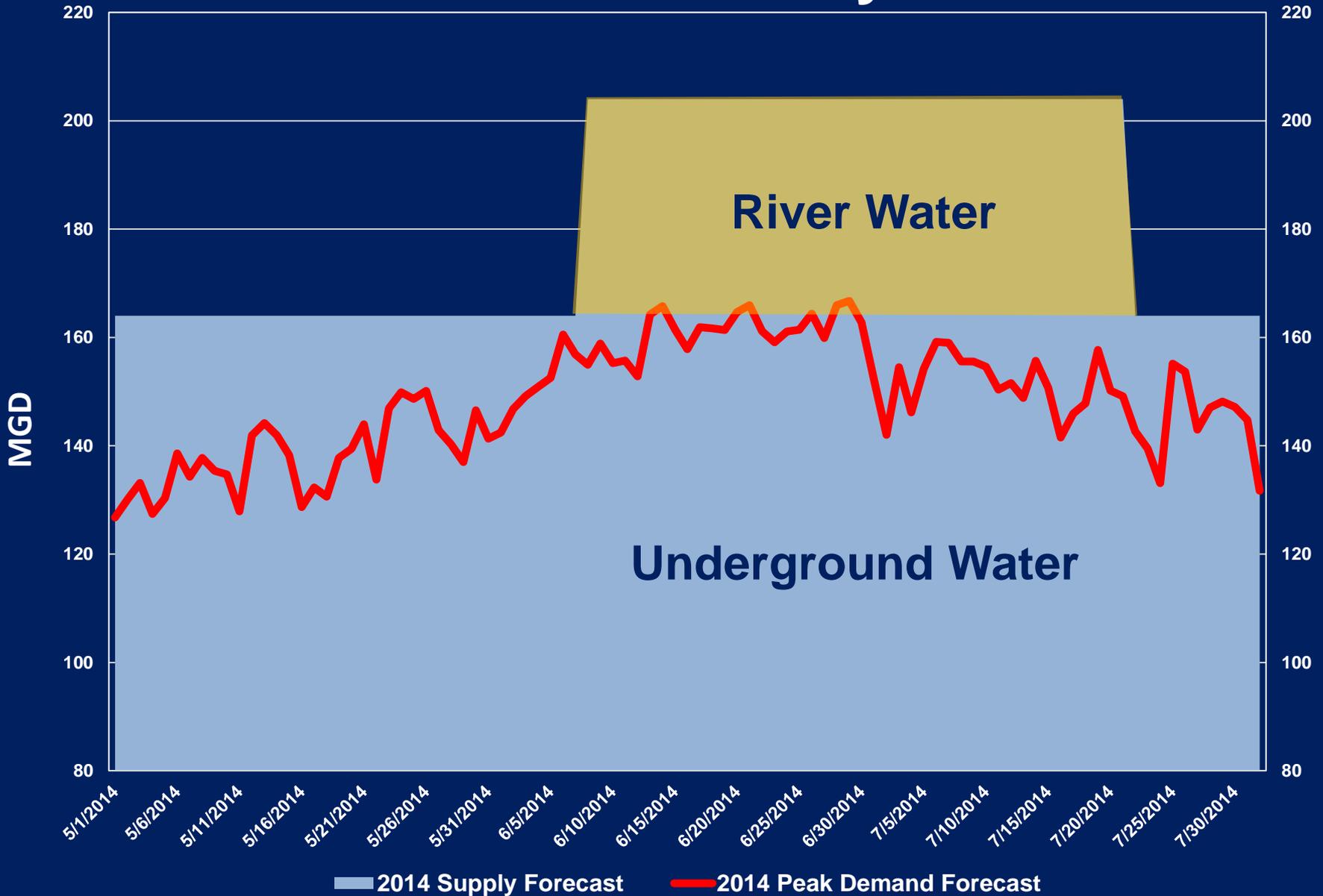
- EPWU has been treating wastewater and reusing it for irrigation, industrial, and construction uses since 1963.
- It's known as “purple pipe” or reclaimed water.



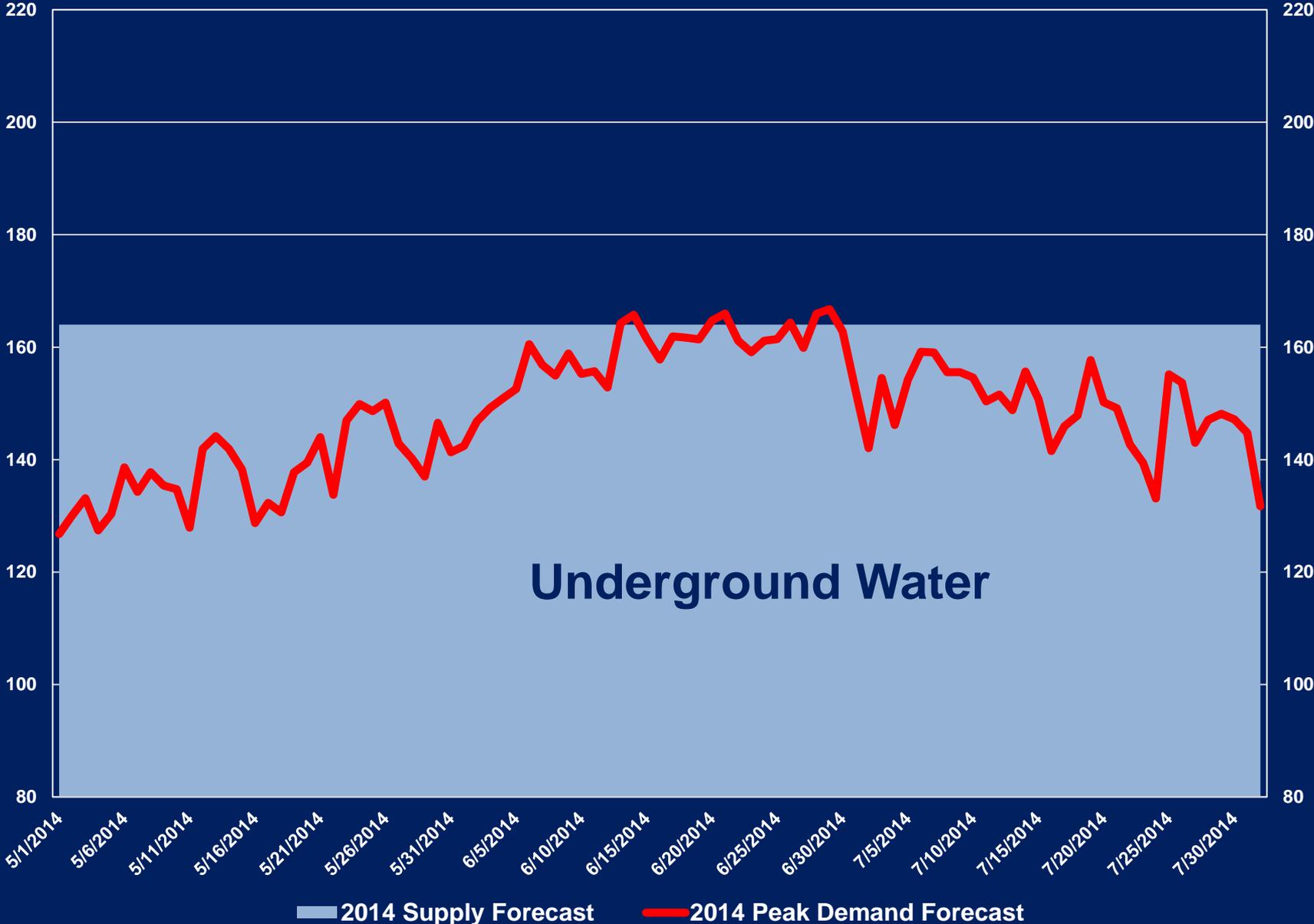
Helping the Water Cycle

Since 1985, EPWU has been using reclaimed water treated to drinking water standards to recharge the aquifer

2014 Summer Daily Peak



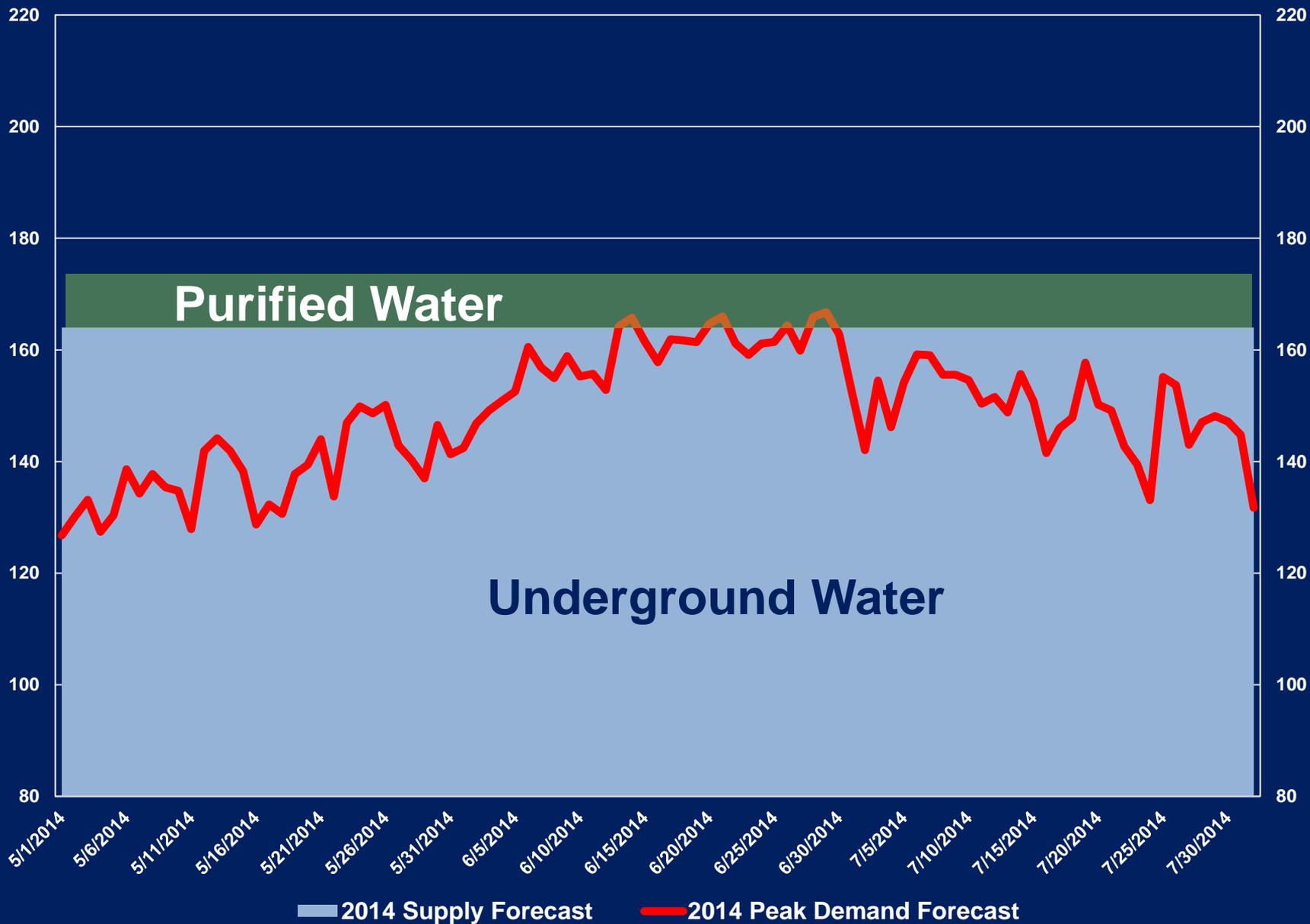
Daily Peak Without River Water



Underground Water

2014 Supply Forecast 2014 Peak Demand Forecast

Daily Peak With Purified Water



What is the Alternative?

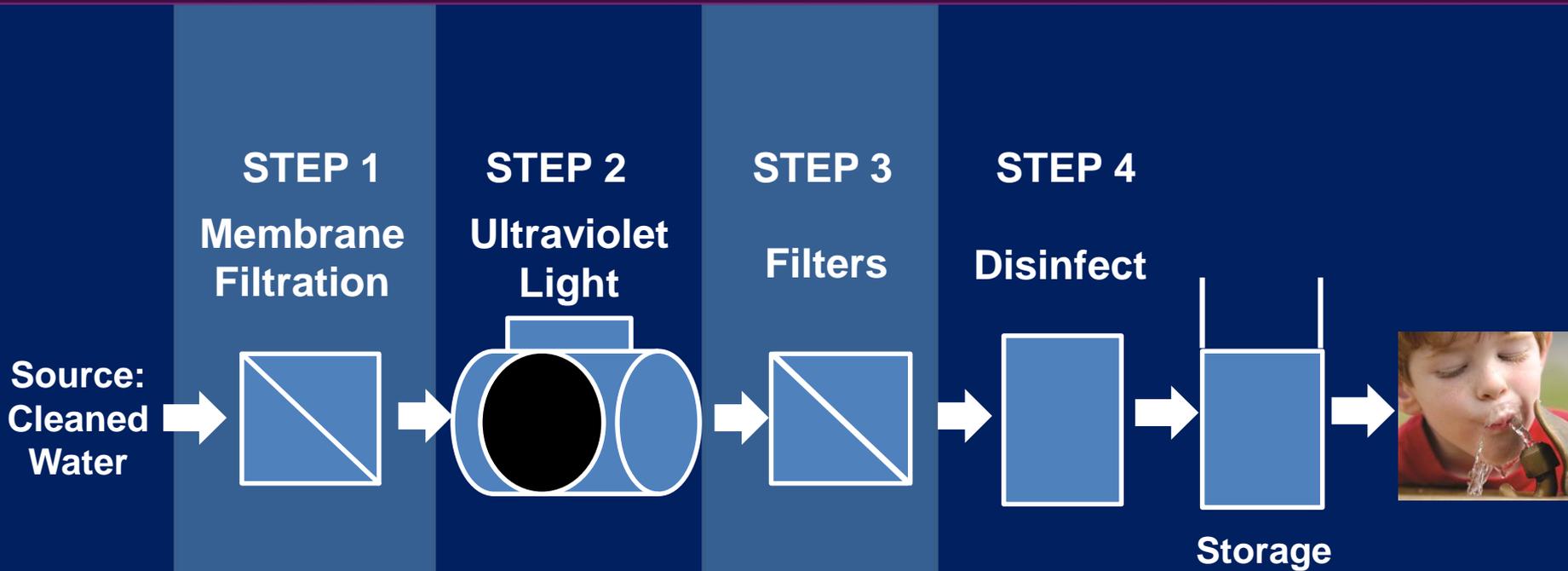
- Increased mining of aquifers
- Increased desalination
- Drastic conservation
- Build massive pipelines = \$\$\$\$

Only purified water is sustainable



Water used for irrigation will be treated AGAIN in a rigorous four step process to create high quality, purified water.

Advanced Water Purification Process



How It Works

STEP 1

- First, the water goes through membrane filtration, the same technology that is used at our desalination plant.

How It Works

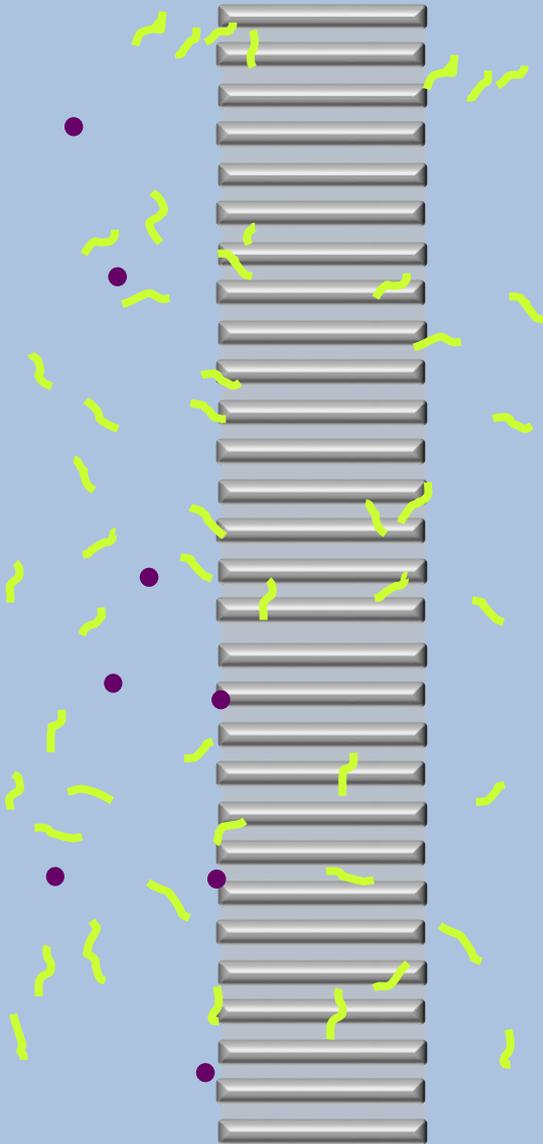
STEP 2

- Water is treated with ultraviolet light, the same technology that is used at some of our plants that treat river water.

How It Works

STEP 3

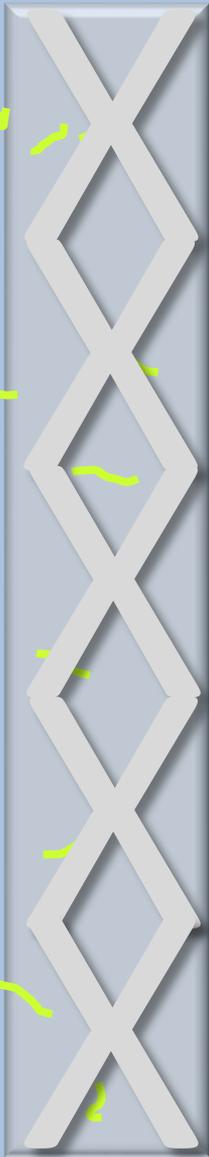
- Then, the water goes through a filtration process, used at all of our treatment plants



How It Works

STEP 4

- Then, the water is disinfected again.



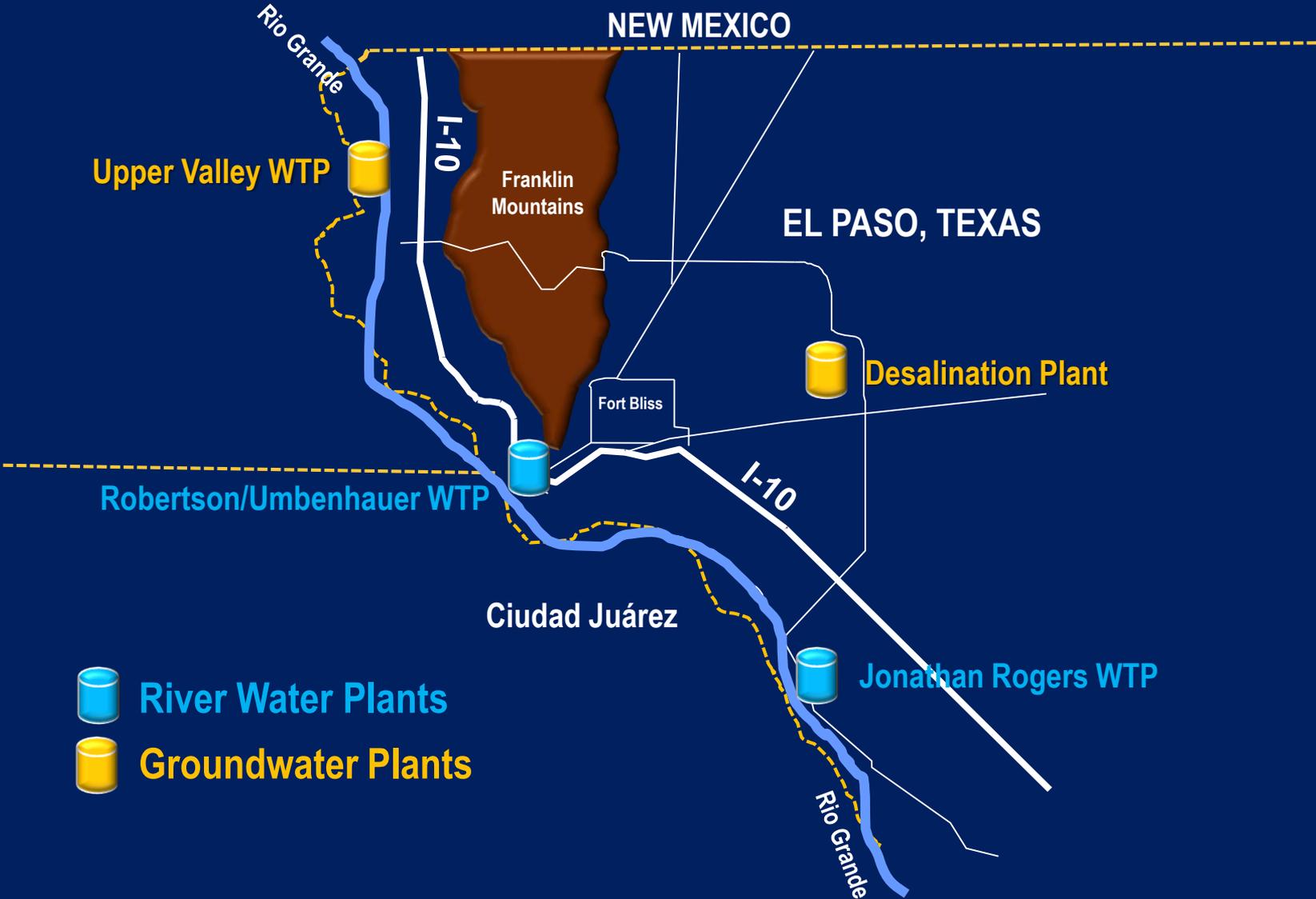
The Result

- This is a proven technology that works.
- Purified water is safe to drink.
- Purified water is some of the highest quality drinking water produced.

Wastewater Treatment Plants



Water Treatment Plants

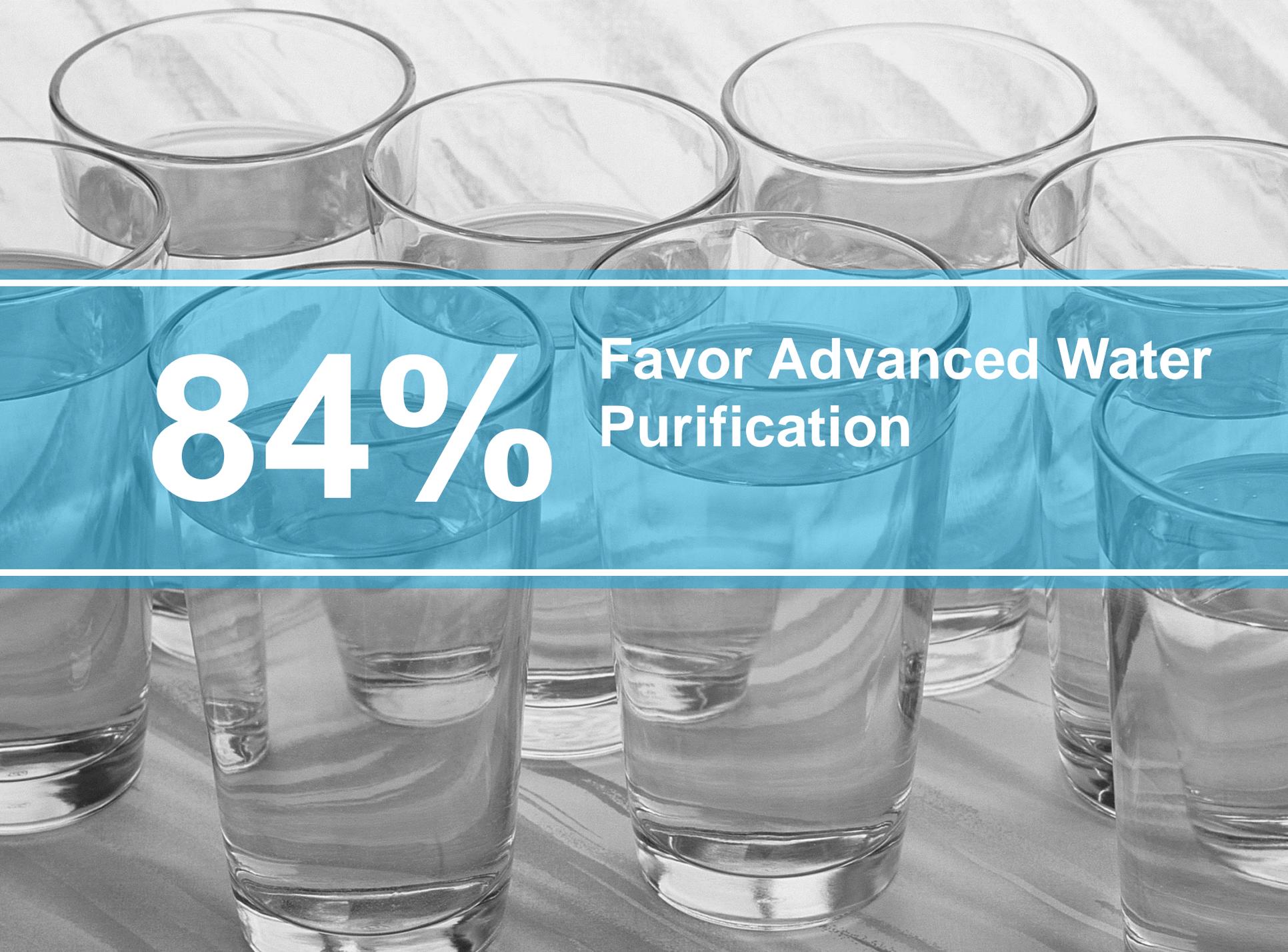


It's Already Happening



● Completed

● In Design



84%

**Favor Advanced Water
Purification**

Getting Support

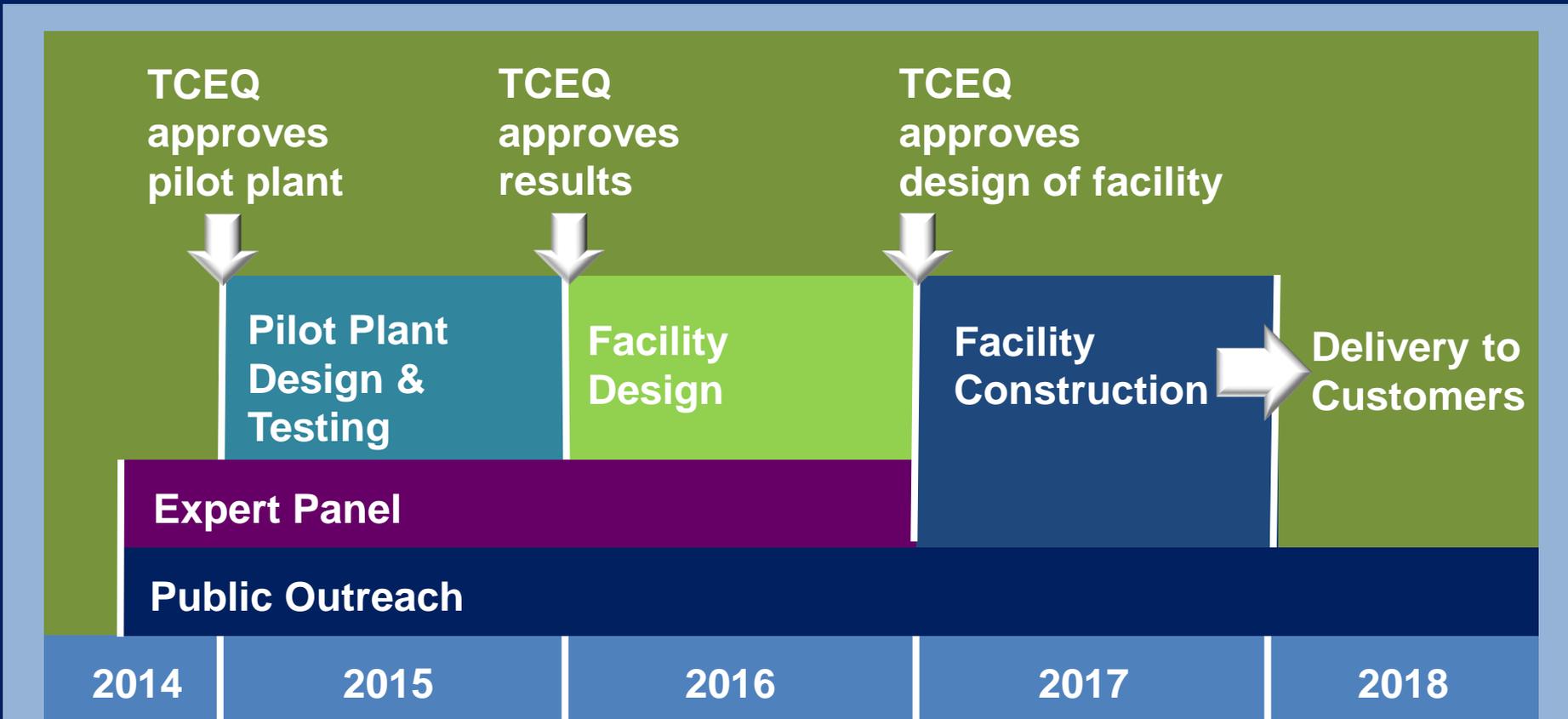
Public Outreach

- Speakers Bureau
- Media Relations
- Videos
- Tours, open houses

Advisory Panel

- Health Experts
- Scientists
- Engineers

Timeline



Summary

- Water reuse has been happening in El Paso for decades.
- Advanced technology makes purified water safe to drink.
- Purified water is a drought-proof, sustainable supply for our community.

el paso water utilities

H₂O
TOGETHER

WORKING TOGETHER = WATER FOREVER

Sustainable water is totally do-able. Working together, we can balance these resources to make sure we have water for today and tomorrow.

H2OTOGETHER.ORG